Mountain Weather Forecast

Peak District National Park

Forecast valid from 00:00 on Friday 21 Aug 2020 until 23:59 on Saturday 22 Aug 2020

Forecast Issued on Thursday 20 Aug 2020 at 14:10

Confidence: High for generally unsettled theme through the forecast period, low for shower detail, and for timing and extent of rain from late Monday.

Headline for Friday 21 Aug 2020: Scattered showers, with widespread gales across the hills.

Mountain weather hazards on Friday 21 Aug 2020

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
No Likelihood

Gales
High Likelihood

Severe chill effect
No Likelihood

Poor visibility
Low Likelihood

Thunderstorms
No Likelihood

Heavy persistent rain
No Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m							
Time							
00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00
Partly cloudy (night)	Cloudy	Light rain showers	Light rain showers	Heavy rain showers	Sunny intervals	Sunny intervals	Partly cloudy (night)
Precipitation probability							
<05%	30%	60%	60%	60%	40%	30%	30%

Forecast for Friday 21 Aug 2020

Weather: Increasingly cloudy through the early hours with outbreaks of showery rain spreading from the west, and with widespread gales developing across the summits. Very windy on Friday with widespread gales on the hills, and scattered showers. Until mid-afternoon showers may be locally heavy, and merge into bands of rain for a time. Showers then becoming isolated by evening, with winds moderating a little.

Chance of cloud free mountain/hill tops above 600m: 90% or more, with isolated patches down to 600m possible in heavier showers.

Visibility: Often very good or excellent with distant hills clearly seen, but moderate to good at times in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Friday 21 Aug 2020

Height (m)	Wind Speed mean/gusts (mph)					Wind Direction (blowing from)			
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	27/38 S	28/39 S	32/44 S	36/51 S	36/51 SW	34/49 SW	29/42 SW	27/39 SW	27/40 SW
300	21/32 SE	21/34 S	25/38 S	28/43 S	28/44 SW	28/42 SW	22/35 SW	20/33 SW	20/32 SW
Valley	14/33 SE	14/32 S	17/38 S	21/43 S	21/43 SW	20/42 SW	17/36 SW	15/32 SW	15/33 SW

Height (m)	Temperature / Feels Like (°C)								
	00:00	03:00	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	13/8	12/8	12/8	14/8	14/8	14/9	14/9	12/8	12/7
300	15/11	15/11	15/10	16/11	17/12	17/12	16/12	15/11	14/11
Valley	15/13	15/13	15/12	17/13	18/14	18/14	17/14	16/13	14/12
Freezing Level*	2300m	2400m	2800m	2900m	2800m	2800m	2700m	2500m	2400m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Winds likely to be 5-10mph stronger over exposed peaks and ridges near any heavier showers.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
14:00 on Thu 20 Aug 2020	8.2mm	10.8mm	20.2mm

Forecast for Saturday 22 Aug 2020

Weather: Isolated showers through the early hours, but most places dry by morning. Further showers spreading from the west during the morning, perhaps merging to give some more general rain around the middle of the day. Occasional showers then likely through the rest of the day and into the evening. A little less windy than Friday, but winds may still reach gale force at times across highest summits.

Maximum wind: SW 30-35 gust 45-50mph, decreasing 25 gust 35mph towards evening

Chance of cloud free mountain/hill tops above 600m: 70%, becoming 90% or more during the morning. Occasional patches 500-600m at first, and any more persistent showery rain.

Visibility: Often very good or excellent with distant hills clearly seen, but moderate to good at times in showers

Temperature: **Valleys:** 12 C becoming 17 C
At 600m: 7 C becoming 10 C
Freezing level: Well above the summits.

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